

Handheld nozzle multi-flow Turbo-Strike 150 HP - AWG



On incipient fires, rapid fire starts or vehicle fires, the challenge is to have equipment that is both **responsive**, **readable** and **adaptable**. The **handheld nozzle variable flow (VF) AWG Turbo-Strike 150 HP hollow jet** has been designed for **rapid attack** devices and **reel** use, with a selection of flow rates enabling action to be adjusted to the objective (attack, protection, cooling), without changing equipment.

Choose handheld nozzle carefully for initial etching

This configuration is particularly relevant to SDIS field issues: rapid implementation, reproducible settings and explicit technical data to facilitate standardization of a fleet (machines, reels, intervention batches).

Key data :

- **Selectable flow rates:** 20/40/100/150 L/min(at 6 bar)
- **Jet adjustment:** 0-120° (straight jet to diffused jet)
- **Maximum pressure:** 40 bar (HP / PN depending on version)
- **Compliance:** DIN EN 15182-4
- **Materials:** anodized aluminum, polyamide (handles/bumper)
- **Gauge:** 245/100/230 mm - **Weight:** 1.3 kg (without fitting)

0-120° jet adjustment: attack, protection and cooling

The **straight jet** is generally preferred for targeted, precise action. The **diffused jet**, adjustable from **0 to 120°**, is useful when the aim is to **cover**, **protect** or **cool** exposed elements. Progressive adjustment enables the shape of the jet to be adapted to changing conditions, while maintaining the consistency of the selected flow rate.

Technical specifications: main version (BSP G2" AG)

	BSP G2" AG
	20 / 40 / 100 / 150 L/min
	0-120°
	40 bar

Weight (without connection)	1.3 kg
Dimensions (L/W/H)	245 / 100 / 230 mm
Materials	Anodized aluminum, polyamide
Standard	DIN EN 15182-4

Connection variations: comparison table (GFR / BSP / SYM)

Flow performance is identical; the decision is based primarily on **connection standard**, **operating pressure** (PN16/PN40) and ergonomics (weight/size).

MMF ref	Connection	Operating pressure	HP
41345	GFR DN20 F	PN16	
41309	1" BSP F	PN40	HP
41365	GFR HP DN20 F	PN40	HP
41372	SYM DN25	PN16	

High-pressure PN40: compatibility and coherence of the fleet

It is possible to integrate **PN16** and **PN40** equipment into the same fleet, provided that the entire chain is considered: the overall admissible pressure remains limited by the **lowest PN link** (pipes, fittings, accessories). In an SDIS or industrial context, operational reliability relies on **standardization** where possible, or on **clear segmentation** of batches (PN16 vs PN40) with controlled rules of compatibility.

Accessories: foam tube GR1 and complementarity

The **foam tube GR1 for DMR 150** (ref. MMF 41362) extends the range of uses to common foam applications. The foaming rate is claimed to be **adjustable from 0 to 20**, depending on the setting between full and spray jet, with quick snap-on/lock-off operation.

FAQ: connections, flow rates and spray patterns

1. Which version should you choose according to your connection network?

The choice is made firstly on the basis of the existing connection standard (GFR DN20F, SYM DN25, BSP 1", etc.), then on the expected operating pressure (PN16 or PN40). For a high-pressure configuration, PN40 versions are preferable to maintain overall consistency.

2. What pressure are the 20/40/100/150 L/min flow rates given at?

They are given **at 6 bar** (reference pressure). In real-life situations, the flow rate varies according to the pressure available and the pressure losses associated with the pipe, fittings and accessories.

3. When should I switch from straight to diffused jets (0-120°)?

Straight jets are ideal for targeted attacks. The diffused spray is useful when the objective is coverage, protection or cooling. Progressive adjustment means you can adjust the shape of the jet to suit the scenario without changing equipment.

4. Is it possible to integrate a handheld nozzle PN40 into a pool of PN16 equipment?

Yes, as long as the entire chain is considered: the overall admissible pressure remains limited by the link with the lowest PN. To reduce the risk of error, we recommend standardizing the fleet, or clearly

distinguishing between PN16 and PN40 batches.

5. **What's the advantage of foam tube GR1 on a handheld nozzle multi-purpose machine?**

foam tube GR1 (ref. MMF 41362) extends the range of uses to common foam applications, with an advertised rate adjustable from 0 to 20 depending on the setting between full jet and spray jet, and rapid implementation.

MMF expertise: advice and service continuity

MMF Protection et Sécurité mMF supports its SDIS, industrial and sensitive site customers in choosing configurations (connections, PN16/PN40 consistency, standardization of equipment) and matching them to field constraints. The company draws on its workshop expertise and its status as an **approved repair center for major brands of fire-fighting equipment**, to contribute to service continuity (advice, diagnosis, maintenance where applicable). A specific need? A technical request? The MMF team is here to help! We're **available by phone (04 78 00 00 25)** or [e-mail](mailto:mmf@mmf.fr) to confirm compatibility or guide you in your choice of product.